

YEAR 3: MATHS AUTUMN TERM OBJECTIVES

WEEK														
1	2	3	4	5	6	7	8	9	10	11	12	13	14	
<u>Number – Place Value</u>			<u>Number – Addition and Subtraction</u>						<u>Number – Multiplication and Division.</u>					CONSOLIDATION/ CATCH UP/ WEAKNESSES
<p>Identify, represent and estimate numbers using different representations.</p> <p>Find 10 or 100 more or less than a given number; recognise the place value of each digit in a three-digit number (hundreds, tens, ones).</p> <p>Recognise the place value of each digit in a three-digit number (hundreds, tens, ones)</p> <p>Compare and order numbers up to 1000.</p> <p>Read and write numbers up to 1000 in numerals and in words.</p> <p>Solve number problems and practical problems involving these ideas.</p> <p>Count from 0 in multiples of 50 and 100.</p>			<p>Add and subtract numbers mentally, including: a three-digit number and ones; a three-digit number and tens; a three-digit number and hundreds.</p> <p>Add and subtract numbers with up to three digits, using formal written methods of columnar addition and subtraction.</p> <p>Estimate the answer to a calculation and use inverse operations to check answers.</p> <p>Solve problems, including missing number problems, using number facts, place value, and more complex addition and subtraction.</p> <p style="background-color: yellow;">* AP1 will take place during this topic.</p>						<p>Count from 0 in multiples of 4 and 8.</p> <p>Recall and use multiplication and division facts for the 3, 4 and 8 multiplication tables.</p> <p>Write and calculate mathematical statements for multiplication and division using the multiplication tables they know, including for two-digit numbers times one-digit numbers, using mental methods and progressing to formal written methods.</p> <p>Solve problems, including missing number problems, involving multiplication and division, including positive integer scaling problems and correspondence problems in which n objects are connected to m objectives.</p> <p style="background-color: yellow;">* AP2 will take place during this topic.</p>					

YEAR 3: MATHS SPRING TERM OBJECTIVES

WEEK											
1	2	3	4	5	6	7	8	9	10	11	12
<u>Number – Multiplication and Division</u>			<u>Measurement: Money</u>	<u>Statistics</u>		<u>Number – Fractions</u>					
<p>Recall and use multiplication and division facts for the 3, 4 and 8 multiplication tables.</p> <p>Write and calculate mathematical statements for multiplication and division using the multiplication tables they know, including for two-digit numbers times one-digit numbers, using mental and progressing to formal written methods.</p> <p>Solve problems, including missing number problems, involving multiplication and division, including positive integer scaling problems and correspondence problems in which n objects are connected to m objectives.</p>			<p>Add and subtract amounts of money to give change, using both £ and p in practical contexts.</p>	<p>Interpret and present data using bar charts, pictograms and tables.</p> <p>Solve one-step and two-step questions (for example, ‘How many more?’ and ‘How many fewer?’) using information presented in scaled bar charts and pictograms and tables.</p>		<p>Count up and down in tenths.</p> <p>Recognise that tenths arise from dividing an object into 10 equal parts and in dividing one-digit numbers or quantities by 10.</p> <p>Recognise and use fractions as numbers: unit fractions and non-unit fractions with small denominators.</p> <p>Recognise, find and write fractions of a discrete set of objects: unit fractions and non-unit fractions with small denominators.</p> <p>Recognise and show, using diagrams, equivalent fractions with small denominators.</p> <p>Compare and order unit fractions, and fractions with the same denominators.</p> <p>Add and subtract fractions with the same denominator within one whole.</p> <p>Solve problems that involve all of the above.</p> <p style="background-color: yellow;">* AP3 will take place during this topic.</p>					

YEAR 3: MATHS SUMMER TERM OBJECTIVES

WEEK												
1	2	3	4	5	6	7	8	9	10	11	12	
<u>Measurement: Length and Perimeter</u>			<u>Measurement</u>			<u>Geometry – Properties of Shape</u>		<u>Measurement: Mass and Capacity</u>				CONSOLIDATION/ CATCH UP/ WEAKNESSES
<p>Measure, compare, add and subtract: lengths (m/cm/mm).</p> <p>Measure the perimeter of simple 2D shapes.</p> <p>Continue to measure using the appropriate tools and units, progressing to using a wider range of measures, including comparing and using mixed units (for example, 1m and 20cm) and simple equivalents of mixed units (for example, 5m = 500cm).</p>			<p>Tell and write the time from an analogue clock, including using Roman numerals and 12-hour and 24-hour clocks.</p> <p>Estimate and read time with increasing accuracy to the nearest minute.</p> <p>Record and compare time in terms of seconds, minutes and hours.</p> <p>Use vocabulary such as o'clock, a.m./p.m., morning, afternoon, noon and midnight.</p> <p>Know the number of seconds in a minute and the number of days in each month, year and leap year.</p> <p>Compare durations of events (for example to calculate the time taken by particular events or tasks).</p>			<p>Recognise angles as a property of shape or a description of a turn.</p> <p>Identify right angles, recognise that two right angles make a half-term, three make three quarters of a turn and four a complete turn; identify whether angles are greater than or less than a right angle.</p> <p>Identify horizontal and vertical lines and pairs of perpendicular and parallel lines.</p> <p>Draw 2-D shapes and make 3-D shapes using modelling materials.</p> <p>Recognise 3-D shapes in different orientations and describe them.</p>		<p>Measure, compare, add and subtract: mass (Kg/g) and capacity (L/ml).</p> <p>Continue to measure using the appropriate tools and units, progressing to using a wider range of measures, including comparing and using mixed units (for example, 1kg and 200g) and simple equivalents of mixed units (for example, 5L = 5000ml).</p> <p style="background-color: yellow;">* AP4 will take place during this topic.</p>				

